| <br> | Claims |  |
|------|--------|--|
|      |        |  |

| Ap | plica | tion/ | Con | tro | ol | No. |
|----|-------|-------|-----|-----|----|-----|
|    |       |       |     |     |    |     |

10/803,150 Examiner

David M. Purol

Applicant(s)/Patent under Reexamination

SNYDER ET AL.

Art Unit

3634

|   | √ | Rejected |
|---|---|----------|
| Ì | _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal`  |
|---|----------|
| 0 | Objected |

|       | nime.    | Γ        |              |   |  | <u>.</u>     |  |          |            |           |          |          |        |  |          |          | · ·      |          |          |               | _  | <u> </u> | _!         |          |          |          |                                     | 3-4      | _        |          |          |   |
|-------|----------|----------|--------------|---|--|--------------|--|----------|------------|-----------|----------|----------|--------|--|----------|----------|----------|----------|----------|---------------|----|----------|------------|----------|----------|----------|-------------------------------------|----------|----------|----------|----------|---|
| Cla   | aim      | ├        |              |   | Date Claim Date                                  |              |  |          |            |           |          |          |        | 4  |          | aim      | Date     |          |          |               |    |          |            |          |          |          |                                     |          |          |          |          |   |
| Final | Original | 10/16/06 |              |   |  |              |  |          |            |           | Final    | Original | ,      |  |          |          |          |          |          |               |    | Final    | Original   |          |          |          |                                     |          |          | ,        |          |   |
|       | 1        |          |              |   |  |              |  |          | 1          |           |          | 51       |        |  |          |          | İ        |          |          | $\neg$        | 7  |          | 101        | $\Box$   |          |          |                                     |          |          |          |          |   |
|       | 2        |          |              |   | П  |              | T-   |          |            |           |          | 52       |        |  |          |          |          |          | T        |               | 1  |          | 102        |          |          |          |                                     | _        |          |          |          |   |
|       | 3        |          |              |   |  |              | T  |          |            |           |          | 53       | $\top$ |  |          |          |          |          | T        | $\neg \vdash$ | 7  |          | 103        |          |          |          |                                     |          |          |          |          |   |
|       | 4        |          |              |   |  |              |  | П        |            |           |          | 54       |        |  |          |          |          |          | $\neg$   |               |    |          | 104        | П        |          |          |                                     |          |          |          |          |   |
|       | 5        |          |              |   |  |              |  |          |            |           |          | 55       |        |  |          |          |          |          |          |               |    |          | 105        |          |          |          |                                     |          |          |          |          |   |
|       | 6        |          |              |   |  |              |  |          |            |           |          | 56       |        | <u>.                                    </u> |          |          |          |          |          |               | ]  |          | 106        |          |          |          |                                     |          |          |          |          |   |
|       | 7        |          |              |   |  |              |  |          | L          |           |          | 57       |        |  |          |          |          |          |          |               |    |          | 107        |          |          |          |                                     |          |          |          |          |   |
|       | 8        |          |              |   |  | L            |  | L        |            |           |          | 58       |        |  |          |          |          |          |          |               |    |          | 108        |          |          |          |                                     |          |          |          |          |   |
|       | 9        | ,        |              |   |  | L            |  | L        |            | Ш         |          | 59       |        | $oxed{oxed}$                                 |          |          | $\perp$  |          |          |               |    |          | 109        |          |          |          |                                     |          |          |          |          |   |
|       | 10       |          |              |   |  |              |  |          |            | Щ         | L        | 60       |        | L  |          |          | $\perp$  |          | $\perp$  | $\perp$       | ╛  |          | 110        |          |          |          |                                     |          |          |          |          |   |
|       | 11       | L        | $oxed{oxed}$ |   | <u> </u>   | <u> </u>     | $\perp$  | 1_       | $\perp$    | Ш         |          | 61       |        | <u> </u>                                     |          | Ш        | _[       | $\perp$  |          |               | _  |          | 111        |          |          |          |                                     |          | Ш        |          |          |   |
|       | 12       | L        | Ш            |   | _  | <u>_</u>     | $\perp$  | _        | <u> </u>   | Ш         |          | 62       |        | Ш  |          |          |          | _        |          | $\perp$       |    |          | 112        | Ш        |          |          |                                     |          |          |          |          |   |
|       | 13       | L        | Ш            |   | <u> </u>   | <u> </u>     | $\perp$  | _        |            | Ш         |          | 63       |        | $\perp$                                      |          | Ш        |          | $\perp$  | $\perp$  | $\perp$       | 4  |          | 113        | $\Box$   |          |          |                                     |          | Ш        |          |          |   |
|       | 14       | Ш        | Щ            |   | <u> </u>   | $\vdash$     | ┞  | ऻ        | lacksquare | Ш         | <u> </u> | 64       |        | $\sqcup$                                     |          | Ш        | _        | $\perp$  | $\perp$  | Ц.,           | 4  |          | 114        | $\sqcup$ |          |          | Щ                                   | Ш        | Ш        | Ш        |          |   |
|       | 15       |          |              |   | ļ  |              |  | _        | <u> </u>   | L         |          | 65       |        | 1  |          | $\sqcup$ | _        | 4        | 4        | _ _           | 4  |          | 115        |          |          |          |                                     |          |          | ٠,       | _        |   |
|       | 16       | Щ        | $\sqcup$     |   | 1-   | <del> </del> | $\vdash$   | ــ       | ļ          | $\vdash$  | <u> </u> | 66       |        | <b> </b>                                     | Щ        | $\sqcup$ |          | $\perp$  | 4        | $\bot$        | 4  |          | 116        |          | _        |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш        |          | _        |   |
|       | 17       |          | $\sqcup$     |   | $\vdash$   | ├-           |  | ₩-       | ⊢          | $\Box$    | <u> </u> | 67       |        | $\vdash$                                     | $\sqcup$ | $\sqcup$ | _        |          | 4        | $\bot$        | 4  |          | 117        | _        | _        | _        |                                     |          | Щ        |          | _        |   |
|       | 18       |          |              |   | <u> </u>   | <u> </u>     | -  |          |            | $\square$ |          | 68       |        | 1  |          | -        |          | 4        | -        |               | 4  | <u> </u> | 118        |          | _        |          |                                     |          |          |          | _        |   |
|       | 19       |          |              |   | -  | <u> </u>     | ┡  | ├        | -          | Ш         | -        | 69       |        | 1  |          | $\perp$  | -        | -        | 4        | +             | 4  |          | 119        | -        | _        |          |                                     |          |          |          | _        |   |
| 1     | 20       | =        |              |   | ₩  | ├            | ├  |          |            | Н         |          | 70       |        | $\vdash$                                     |          | $\vdash$ | -        | _        | 4        | -             | 4  |          | 120        | -        | _        | _        | <u> </u>                            |          |          | $\Box$   | -        |   |
| 2     | 21       | =        |              |   |  | <del> </del> | ├-   |          |            | Н         | -        | 71       |        |  |          | $\vdash$ | $\dashv$ | +        | -        |               | 4  |          | 121        | _        | _        |          |                                     | _        |          |          | _        |   |
| 3     | 22       | =        |              |   | $\vdash$   | ⊬            | $\vdash$   | -        |            | -         | -        | 72<br>73 |        | $\vdash$                                     | =        | Н        |          |          | +        |               | 4  | -        | 122        | $\dashv$ | -        |          |                                     |          | $\vdash$ | _        | -        | _ |
| 5     | 24       | =        | _            |   | $\vdash$   | ⊢            | $\vdash$   | -        | $\vdash$   |           |          | 74       |        | $\vdash$                                     | $\dashv$ | $\vdash$ | +        | +        | +        |               | 4  | <u> </u> | 123        |          | $\dashv$ | _        | _                                   |          |          | $\dashv$ |          |   |
| 3     | 25       | -        | -            |   |  | -            | ⊢  | -        | $\vdash$   |           |          | 75       |        | $\vdash$                                     | -        | $\dashv$ | $\dashv$ | +        | +        |               | 4  | <u> </u> | 124        | -        | $\dashv$ | -        |                                     |          |          |          |          |   |
|       | 26       |          | $\dashv$     |   | ├-   | -            | ⊢  | ├        | -          |           | -        | 76       |        | Н  | $\dashv$ | $\dashv$ |          | +        | +        | +             | ┨  | -        | 125<br>126 | $\dashv$ | $\dashv$ | $\dashv$ |                                     | -        |          |          | _        |   |
|       | 27       | $\vdash$ | $\dashv$     |   | $\vdash$   | ├            | ┢  | H        |            | $\dashv$  | $\vdash$ | 77       |        | $\vdash$                                     | -        |          |          | $\dashv$ | +        |               | -  | -        | 127        | $\dashv$ | $\dashv$ |          | Ш                                   | _        | -        | -        |          |   |
|       | 28       |          | $\dashv$     | _ | -  | -            | ┢  | -        | -          | $\dashv$  | -        | 78       |        | Н  | _        | -        | +        | +        | +        | +             | -  | ,        | 128        | -        |          | -        | -                                   | _        |          | $\dashv$ | $\dashv$ |   |
|       | 29       |          |              | - | _  |              | <del> </del>                                     | ├        | H          |           | <u> </u> | 79       |        | Н  |          |          | +        | ╁        | +        | +-            | 4  | $\vdash$ | 129        | -        | $\dashv$ |          | _                                   | -        |          | $\dashv$ | -        |   |
|       | 30       |          |              | _ | $\vdash$   | ┢            | <u> </u>   | ┢        | $\vdash$   | $\dashv$  | -        | 80       |        | Н  |          |          | -+       | ┪        | +        | +-            | -  |          | 130        | $\dashv$ | -        |          | -                                   | $\dashv$ |          |          | -        |   |
|       | 31       |          |              |   |  | $\vdash$     | ╁  | $\vdash$ | Н          | -         |          | 81       |        | Н  | $\dashv$ | -        | $\dashv$ | -+       | +        | +-            | -  | 1        | 131        | -        | $\dashv$ | $\dashv$ | $\dashv$                            | $\dashv$ | $\vdash$ | $\dashv$ | -        |   |
|       | 32       |          |              |   | -  |              | ├-   | ┢        | $\vdash$   | $\dashv$  | -        | 82       |        | $\vdash$                                     | $\dashv$ |          | $\dashv$ | $\dashv$ |          | +             | ┨  | -        | 132        | $\dashv$ |          | -        |                                     | $\dashv$ | -        | $\dashv$ | ┪        |   |
|       | 33       |          |              |   | $\vdash$   | $\vdash$     | <del> </del>                                     | 1-       | $\vdash$   | $\dashv$  |          | 83       |        | H  |          | -        | $\dashv$ | $\dashv$ | +        | +             | 1  | $\vdash$ | 133        | $\dashv$ | $\dashv$ | $\dashv$ |                                     | $\dashv$ |          | -        | $\dashv$ |   |
|       | 34       | $\neg$   |              |   |  | Н            | 1  | $\vdash$ | Н          | $\dashv$  |          | 84       |        | Н  | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | +             | 1  | $\vdash$ | 134        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$                            |          | $\vdash$ | -        | -        |   |
|       | 35       |          |              |   | l  | ┢            | $\vdash$   |          | $\vdash$   | $\dashv$  |          | 85       |        | Н  | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | _        | +             | 1  |          | 135        | $\dashv$ | $\neg$   |          |                                     |          | -        |          | -        | _ |
|       | 36       |          | _            |   | T T  | Ι            | <del>                                     </del> |          | П          | $\dashv$  |          | 86       |        | Н  |          | $\dashv$ | $\dashv$ | 十        | +        | $\neg$        | 1  |          | 136        | $\dashv$ | T        |          | $\vdash$                            | -        | $\dashv$ | $\dashv$ | $\dashv$ |   |
|       | 37       |          | $\neg$       |   |  |              | <del>                                     </del> | ✝        | Н          | $\dashv$  |          | 87       |        | П  |          | 1        | $\dashv$ | 十        | $\dashv$ | +             | 1  |          | 137        | 寸        | $\dashv$ | $\dashv$ | $\vdash$                            |          |          | _        | $\dashv$ | - |
|       | 38       | $\neg$   |              |   | <del>                                     </del> | $\vdash$     | T  | Г        | П          | $\Box$    |          | 88       |        | $\vdash$                                     | $\dashv$ | -        | -        |          | $\top$   | $\top$        | ۱. |          | 138        | _        | $\neg$   |          | $\vdash$                            | $\dashv$ | -        | $\dashv$ | $\neg$   |   |
|       | 39       |          | T            |   |  | Г            | Г  | П        | $\Box$     |           |          | 89       |        |  | $\neg$   | _        | $\neg$   | _        | $\dashv$ | $\top$        | 1  |          | 139        | $\dashv$ | $\dashv$ |          |                                     | $\neg$   |          | $\dashv$ | 1        |   |
|       | 40       |          |              |   |  |              | $\Box$   | П        | П          |           |          | 90       |        |  |          | $\dashv$ | $\neg$   | 十        | $\top$   | $\top$        | 1  |          | 140        | $\dashv$ | $\neg$   |          | $\dashv$                            |          | ᅥ        | $\dashv$ | 7        | - |
|       | 41       |          |              |   |  | П            |  |          | П          |           |          | 91       | 1      |  |          | $\dashv$ | 1        | $\neg$   | $\top$   |               | 1  |          | 141        | $\dashv$ | $\dashv$ |          |                                     | $\dashv$ | ┪        | $\dashv$ |          |   |
|       | 42       |          |              |   |  |              |  |          | П          |           |          | 92       |        | $\Box$                                       |          |          | $\dashv$ | $\neg$   | $\top$   |               | 1  |          | 142        | $\dashv$ | .        |          |                                     | $\dashv$ | $\dashv$ | $\dashv$ | 一        |   |
|       | 43       |          |              |   |  |              | Ι  |          | $\Box$     |           |          | 93       |        | П  |          | 寸        | 寸        | $\top$   | 十        | $\top$        | 1  |          | 143        | $\dashv$ | $\neg$   |          |                                     | 一        | _        | 1        | T        |   |
|       | 44       |          |              |   |  |              |  |          |            | $\neg$    |          | 94       | 1      |  |          | 7        | $\neg$   | 十        | T        | $\top$        | 1  |          | 144        | $\neg$   | $\dashv$ |          |                                     | $\dashv$ | 一        | 1        |          |   |
|       | 45       |          |              |   |  |              |  |          | П          |           |          | 95       | $\top$ | П  |          |          | T        | 1        | 1        | 1             | 1  |          | 145        |          |          |          |                                     | 一        | $\dashv$ | 寸        | _        |   |
|       | 46       | 一        |              |   |  |              |  | П        | П          |           |          | 96       | _      | $\Box$                                       | 一        | $\dashv$ |          | 十        | $\top$   | $\top$        | 1  | П        | 146        | $\dashv$ |          |          |                                     | $\neg$   |          | - 1      | 7        |   |
|       | 47       |          |              |   |  |              |  |          | П          |           |          | 97       |        | П  | T        | 1        | 1        | 1        | 1        | 1             | 1  |          | 147        | $\neg$   | 7        | $\neg$   |                                     | $\dashv$ | $\neg$   |          | $\dashv$ |   |
|       | 48       |          |              |   |  |              |  |          |            |           |          | 98       | T      | П  | 寸        | $\dashv$ | 丁        | _        | 1        |               | 1  | $\sqcap$ | 148        | 一        | T        | ٦        |                                     | $\dashv$ | 寸        | 一        | 寸        |   |
|       | 49       |          |              |   |  |              |  |          |            |           |          | 99       |        |  |          |          |          |          |          | `             | 1  |          | 149        | 7        | 一        |          | $\neg$                              | 1        |          |          | 7        |   |
|       | 50       | . 1      |              |   |  |              |  |          |            |           |          | 100      |        |  |          | 寸        | T        | T        | T        |               | 1  |          | 150        | $\neg$   | $\neg$   | $\neg$   |                                     | $\neg$   |          | ┪        |          |   |